

COHEN, DIPPELL AND EVERIST, P.C.

TABLE II

Page No. 11

PART 90 SERVICES
LOCATED AT SITE PROPOSED
BY FOUR JACKS BROADCASTING, INC.
N 39-17-13 W 76-45-16

CALLSIGN	RADIO_SRVS	FREQUENCY	LIC_NAME	ST	ZIP	LAT-DEG	LAT-MIN	LAT-SEC	LON-DEG	LON-MIN	LON_SEC
STREET ADDRESS			CITY			ATTENTION					PHONE
PWR-OUT	ERP	GND-ELE	ANT-HGT	HAAT							
WNKM913	YS	937.3625	HARFORD SMR INC			39	17	13	76	45	16
814 HOLLY DR E			ANNAPOLIS	MD	214010000						3019740975
150.00000	350.00000	540	550	772	FB2C						
WNKM913	YS	937.3750	HARFORD SMR INC			39	17	13	76	45	16
814 HOLLY DR E			ANNAPOLIS	MD	214010000						3019740975
150.00000	350.00000	540	550	772	FB2C						
WNXM924	IB	929.1125	HARTER, R PHILIP: EASTON, A T: EASTON, S D			39	17	13	76	45	16
1312 ACADEMY CT			BELMONT	CA	940020000	R PHILIP HARTER					4153497800
300.00000	600.00000	540	550	774	FB						
KYC489	IB	496.1625	I & R EQUIPMENT CORPORATION			39	17	13	76	45	16
5681 MAIN ST			ELKRIDGE	MD	212270000						3017963200
110.00000	106.00000	540	550	772	FB4						
KNR529	IB	495.9375	L AND L SUPPLY CORPORATION			39	17	13	76	45	16
1404 FRONT AVE			LUTHERVILLE	MD	21093						3018257800
75.00000	375.00000	540	550	772	FB4						
KNR529	IB	498.9375	L AND L SUPPLY CORPORATION			39	17	13	76	45	16
1404 FRONT AVE			LUTHERVILLE	MD	21093						3018257800
59.00000	148.00000	540	550	772	MO						
KAS454	LV	452.6250	MARYLAND, STATE OF			39	17	13	76	45	16
BALTIMORE WASHINGTON INTL ARPRT			BALTIMORE	MD	21240	STATE AVIATION ADMINISTRATION					3018597018
50.00000	0.00000	540	550	0	FB						

COHEN, DIPPELL AND EVERIST, P.C.

TABLE II

Page No. 12

PART 90 SERVICES
LOCATED AT SITE PROPOSED
BY FOUR JACKS BROADCASTING, INC.
N 39-17-13 W 76-45-16

CALLSIGN	RADIO_SRVS	FREQUENCY	LIC_NAME	ST ZIP	LAT-DEG	LAT-MIN	LAT-SEC	LON-DEG	LON-MIN	LON_SEC
STREET ADDRESS			CITY		ATTENTION					PHONE
PWR-OUT	ERP	GND-ELE	ANT-HGT	HAAT						
WNHW417	GP	808.2625	MARYLAND, STATE OF		39	17	13	76	45	16
POB 8766			BWI AIRPORT	MD 212400000	STATE AVIATION ADMINISTRATION			3018597022		
10.00000	25.00000	540	550	762	MO					
WNHW417	GP	853.2625	MARYLAND, STATE OF		39	17	13	76	45	16
POB 8766			BWI AIRPORT	MD 212400000	STATE AVIATION ADMINISTRATION			3018597022		
90.00000	232.00000	540	550	762	FB2					
WNKI472	GO	853.6125	MESSENGER EXPRESS INC		39	17	13	76	45	16
806 15TH ST NW			WASHINGTON	DC 200050000				2023477333		
70.00000	355.00000	540	550	772	FB2					
WNJY741	GB	860.7875	MILLER, C J		39	17	13	76	45	16
3514 BASLER RD			HAMPSTEAD	MD 210740000				3012398006		
70.00000	75.00000	540	550	772	FB2					
WNLX972	GO	807.0625	OVERNITE TRANSPORTATION COMPANY		39	17	13	76	45	16
POB 1216			RICHMOND	VA 232090000				3017968550		
35.00000	51.00000	540	700	922	MO					
WNLX972	GO	852.0625	OVERNITE TRANSPORTATION COMPANY		39	17	13	76	45	16
POB 1216			RICHMOND	VA 232090000				3017968550		
75.00000	55.00000	540	700	922	FB2					
KNA585	IB	495.9375	SMITH REFRIGERATION INC		39	17	13	76	45	16
6600 HARFORD RD			BALTIMORE	MD 21214						
75.00000	375.00000	540	550	772	FB2					

COHEN, DIPPELL AND EVERIST, P.C.

TABLE II

Page No. 13

PART 90 SERVICES
LOCATED AT SITE PROPOSED
BY FOUR JACKS BROADCASTING, INC.
N 39-17-13 W 76-45-16

CALLSIGN	RADIO_SRVS	FREQUENCY	LIC_NAME	ST	ZIP	LAT-DEG	LAT-MIN	LAT-SEC	LON-DEG	LON-MIN	LON_SEC
STREET ADDRESS			CITY			ATTENTION			PHONE		
PWR-OUT	ERP	GND-ELE	ANT-HGT	HAAT							
KNJU848	GB	853.1375	WASHINGTON POST			39	17	13	76	45	16
1150 15TH ST NW			WASHINGTON		DC 200710000	JIMMY SPRINKLE			2023347707		
70.00000	250.00000	540	550	772	FB2						
KZU643	IB	498.9375	WESTINGHOUSE COMMUNICATION SERVICES INC			39	17	13	76	45	16
1025 CONNECTICUT AVE NW STE 506			WASHINGTON		DC 200360000	R C BENEDICT			3017654030		
50.00000	150.00000	540	550	772	MO						
KZU643	IB	495.9375	WESTINGHOUSE COMMUNICATION SERVICES INC			39	17	13	76	45	16
1025 CONNECTICUT AVE NW STE 506			WASHINGTON		DC 200360000	R C BENEDICT			3017654030		
50.00000	150.00000	540	550	772	MO						
KZU643	IB	495.9375	WESTINGHOUSE COMMUNICATION SERVICES INC			39	17	13	76	45	16
1025 CONNECTICUT AVE NW STE 506			WASHINGTON		DC 200360000	R C BENEDICT			3017654030		
75.00000	376.00000	540	550	772	FB2						

EXHIBIT D

DECLARATION

I, Don E. Watkins, do hereby affirm and state as follows:

1. I am Vice President-Engineering, of Nationwide Communications Inc., licensee of WPOC(FM), Baltimore, Maryland. The antenna for WPOC(FM) is currently located on a tower at 1200 North Rolling Road, Catonsville, Maryland, which is owned by Cunningham Communications, Inc. ("Cunningham").

2. Nationwide currently has a lease with Cunningham under which the WPOC(FM) antenna is to be located at its current height on the tower. There is no provision in that lease which requires WPOC(FM) to move its antenna to another location on the leased tower at the request of Cunningham.

3. To the best of my knowledge, no individual connected with either Cunningham or Four Jacks Broadcasting, Inc. has contacted anyone connected with Nationwide to discuss a move of the WPOC(FM) antenna to another location on the leased tower.

I declare under penalty of perjury that the foregoing is true and correct.

Dated: May 12, 1993

By: 

Don E. Watkins

EXHIBIT E

PHILIP K. CROSS
JOHN F. ETZEL
WILLIAM G. ULRICH
GORDON T. LANGDON
DAVID E. RANSONE

GERHOLD, CROSS & ETZEL
Registered Professional Land Surveyors
412 DELAWARE AVENUE
TOWSON, MARYLAND 21204
823-4470

EMERITUS
PAUL G. DOLLENBERG
FRED H. DOLLENBERG
CARL L. GERHOLD

January 20, 1992

I, Donald R. Hall, being duly sworn upon my oath, depose and state that:

I am a Registered Property Line Surveyor in the State of Maryland and employed with the firm of Gerhold, Cross and Etzel of Towson, Maryland.

That on December 30, 1991, I performed the following determination of the tower located at 1200 N. Rolling Road, Catonsville, Maryland, for the purpose of establishing the overall height of the tower (including lighting). My work concluded that the tower is 666 feet (203 meters) above the top

PHILIP K. CROSS
JOHN F. ETZEL
WILLIAM G. ULRICH
GORDON T. LANGDON
DAVID E. RANSONE

GERHOLD, CROSS & ETZEL
Registered Professional Land Surveyors
412 DELAWARE AVENUE
TOWSON, MARYLAND 21204
823-4470

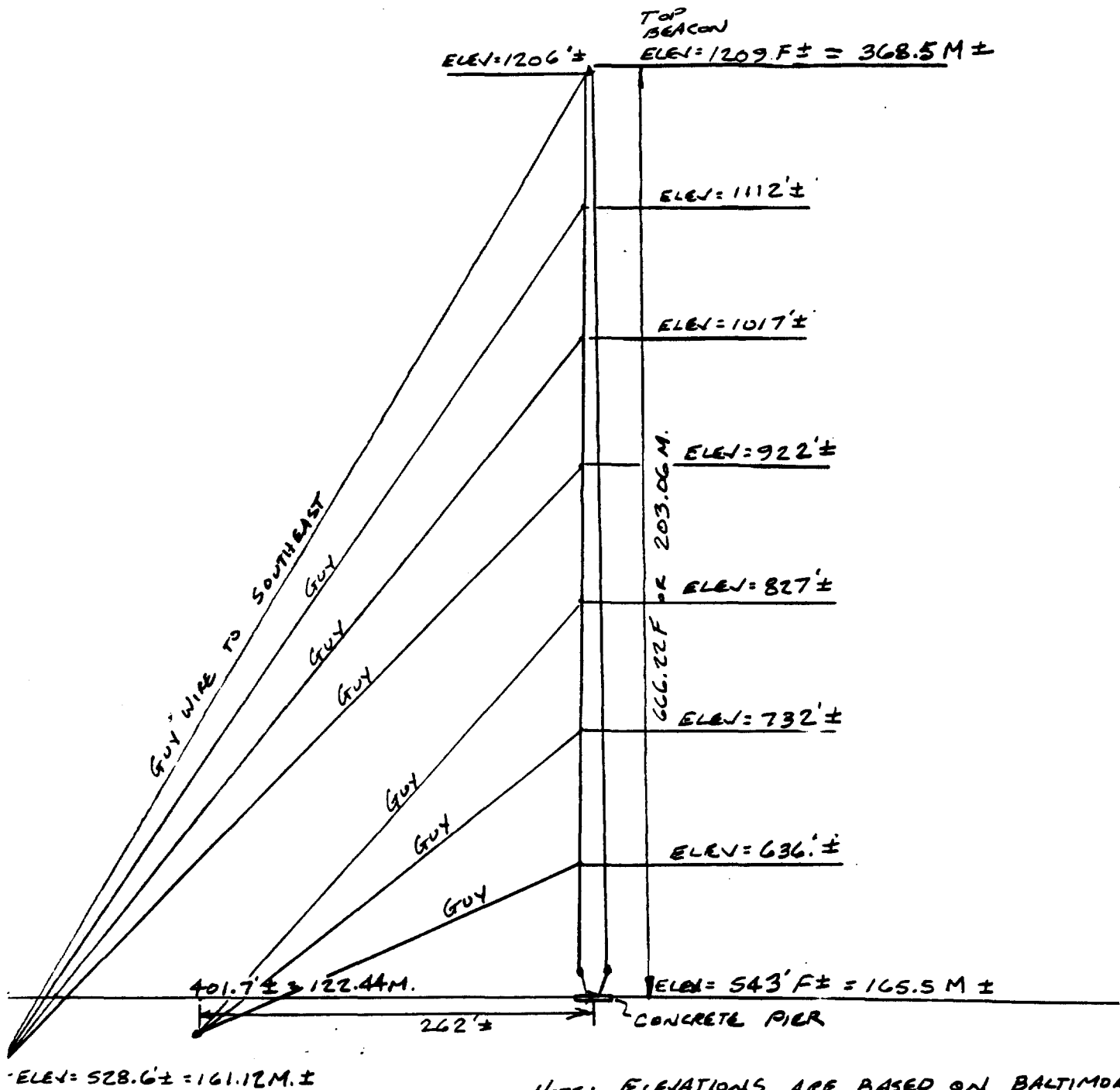
EMERITUS
PAUL G. DOLLENBERG
FRED H. DOLLENBERG
CARL L. GERHOLD

January 24, 1992

I, Donald R. Hall, being duly sworn upon my oath, depose and state that:

I am a Registered Property Line Surveyor in the State of Maryland and employed with the firm of Gerhold, Cross and Etzel of Towson, Maryland.

That on January 9, 1992, I performed the following determination of the tower located at 1200 N. Rolling Road,



NOTE: ELEVATIONS ARE BASED ON BALTIMORE COUNTY CONTROL MONUMENTS X-7798 (ELEV. 518.18) AND NO. 12138 (ELEV. 527.58) AND WITHIN A TOLERANCE OF 2' (MORE OR LESS)

EXHIBIT A

SKETCH OF TOWER
@ 1200 N. ROLLING ROAD
CATONSVILLE, MD.

REVISED 1/24/92
12/30/91 - REVISED 1/20/92
NOT TO SCALE

GERHOLD, CROSS & ETZEL
Registered Professional Land Surveyors
412 Delaware Avenue
TOWSON, MARYLAND 21204

PHILIP K. CROSS
JOHN F. ETZEL
WILLIAM G. ULRICH
GORDON T. LANGDON
DAVID E. RANSONE

GERHOLD, CROSS & ETZEL
Registered Professional Land Surveyors
412 DELAWARE AVENUE
TOWSON, MARYLAND 21204
823-4470

EMERITUS
PAUL G. DOLLENBERG
FRED H. DOLLENBERG
CARL L. GERHOLD

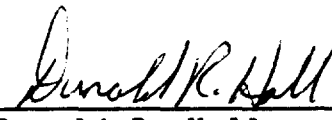
January 24, 1992

I, Donald R. Hall, being duly sworn upon my oath, depose and state that:

I am a Registered Property Line Surveyor in the State of Maryland and employed with the firm of Gerhold, Cross and Etzel of Towson, Maryland.

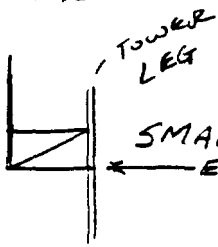
That on January 9, 1992, I performed the following determination of the tower located at 1200 N. Rolling Road, Catonsville, Maryland, for the purpose of establishing the elevations and the nature of the antennae (with the exception of the antennae not yet determined) attached to the said tower. The results of the determinations are shown on the attached Exhibits A and B entitled "Antenna Details and Elevations, Tower located at 1200 N. Rolling Road, Catonsville, Md.". The elevations stated thereon are based on mean sea level (Baltimore County datum). All elevations stated thereon are within a tolerance of two feet (more or less). All elevations are based on Baltimore County Control Monuments No. X-7798 (elevation 518.18 feet) and No. 12138 (elevation 527.58 feet).

I certify, under penalty of perjury, the facts noted and shown hereon are true to the best of my professional knowledge, information and belief.

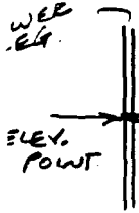


Donald R. Hall
Property Line Surveyor
Md. Reg. No. 221

OF THE TOWER

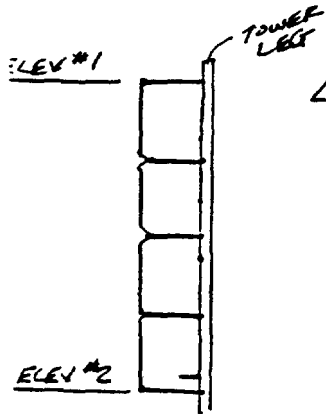


SMALL WHIP ANTENNA - ELEVATION = $1192' \pm 2'$
ELEV. POINT



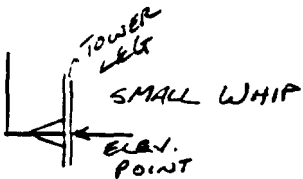
#2

HALF LOOP ANTENNA ELEVATION FIRST = $1191' \pm 2'$
ELEVATION SECOND = $1180' \pm 2'$

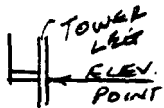


LONG WHIP.

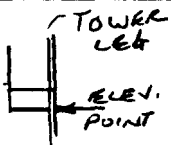
ELEVATION #1 = $1173' \pm 2'$
ELEVATION #2 = $1096 \pm 2'$



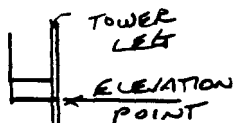
ELEVATION = $1080' \pm 2'$



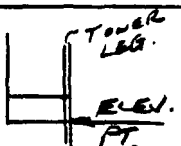
WHIP ELEVATION = $1066' \pm 2'$



WHIP ELEVATION = $1053' \pm 2'$



WHIP ELEVATION = $1044' \pm 2'$



WHIP ELEVATION = $1029' \pm 2'$

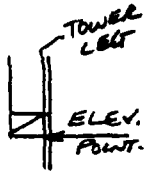
EXHIBIT A

ANTENNA DETAILS & ELEVATIONS
TOWER LOCATED AT.
1200 N. ROLLING ROAD
CATONSVILLE, MD.

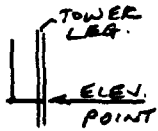
REV. 1/24/92
1/20/92
NO SCALE

GERHOLD, CROSS & ETZEL
Registered Professional Land Surveyors
412 Delaware Avenue
TOWSON, MARYLAND 21204

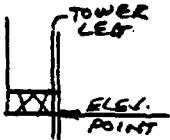
NOTE: ALL OBSERVATIONS ARE FROM A POINT EAST NORTHEAST
OF THE TOWER



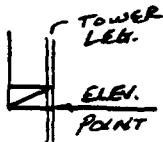
WHIP ELEVATION = $945' \pm 2'$



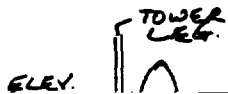
WHIP ELEVATION = $935' \pm 2'$



WHIP ELEVATION = $918' \pm 2'$



WHIP ELEVATION = $906' \pm 2'$



WHIP ELEVATION = $771' \pm 2'$

EXHIBIT F

Baltimore County Government
Office of Zoning Administration
and Development Management
Office of Planning & Zoning



111 West Chesapeake Avenue
Towson, MD 21204

(410) 887-3353

February 14, 1992

Stephen J. Nolan, Esquire
Nolan, Plumbhoff & Williams
Suite 700
Court Towers
210 W. Pennsylvania Avenue
Towson, MD 21204-5340

RE: Request for Advisory Opinion
1170/1200 North Rolling Road
600-800 ft. N of Powers Lane
1st Election District
Zoning: D.R.-3.5
Zoning Cases: 69-269-RX, 75-181-X,
77-122-SPH

Dear Mr. Nolan:

Reference is made to your letter of January 18, 1992 to Arnold Jablon, Director of Zoning Administration and Development Management, which has been referred to me for reply. You have requested an investigation on behalf of your client, Scripps Howard Broadcasting Company, regarding an existing tower at the above referenced location including confirmation of zoning requirements, State and Federal requirements for the existing structure and an anticipated addition to the height.

It is my understanding that you have also sent correspondence to the Building Engineer of Baltimore County regarding this matter. Assuming that he will address the structural, Federal and State requirements which are beyond the scope of review of this office, I will defer to him regarding the same.



Stephen J. Nolan, Esquire
February 14, 1992
Page 2

As to your zoning inquiries, please be advised this office confirms three zoning cases on the subject site:

1. 69-269-RX -- Reclass public unzoned land to R.-6 and a Special Exception for a radio and T.V. wireless transmitting and receiving structure (5.6 acres) for Commercial Radio Institute, Inc. Granted 6/12/69 by Zoning Commissioner Rose - 660 foot tower height indicated on plan with an ultimate height of 850 feet shown.
2. 75-181-X -- Special Exception for a 75 foot self-supporting receiving tower on 0.001 acre (25 feet x 25 feet) for Commercial Radio Institute, Inc.; Lessee - Nationwide Communications, Inc. (WPOC-FM). Granted by Zoning Commissioner DiNenna on 2/27/75.
3. 77-122-SPH -- Special Hearing to approve an amendment to the special exception granted in case 69-269-RX to extend the approval height of the tower by 159 feet, from 850 to 1009 feet high (5.6 acres) for Commercial Radio Institution, Inc. Granted on 1/20/77 by Zoning Commissioner DiNenna.

Additionally, you have stated the existing tower was only built to a height of 666 feet and that it is anticipated that an addition might soon be requested to extend the height. This office would confirm and agree with your conclusion that the additional height granted in 1977 has in fact lapsed under Section 502.3 (B.C.Z.R.) provided that the following "reasonable diligence" standard two prong test established by the courts would fail:

1. The commencement of some readily identifiable work and
2. The work begun with the intention then formed to continue said work to its completion.

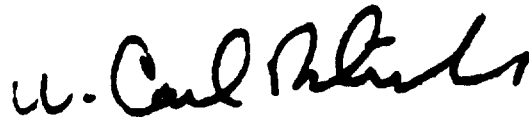
Obviously, if no work was commenced to extend the height, which appears to be the case, the second prong of the test would not have been met. Further, should the Building Engineer or State or Federal agency confirm the safety hazards of the existing 666 foot tower, this office would not approve any additional height without the benefit of another zoning hearing even though the original plan allowed 850 feet.

Stephen J. Nolan, Esquire
February 14, 1992
Page 3

Although the Development Control section of this office may agree that the full development process, including a community input meeting and hearing officer hearing would be appropriate upon considering an additional height and possible safety hazards, it is suggested that you contact Donald Rascoe in the Development Management section for information regarding any development and/or waiver procedures as reviewed by all agencies.

If I can be of any further assistance at this time or if you are updated with any additional information and need additional zoning clarification, please do not hesitate to contact me in this office at 887-3391.

Very truly yours,



W. Carl Richards, Jr.
Zoning Coordinator

WCR:scj

cc: John Reisinger, Building Engineer
Permits and Licenses
Lawrence Schmidt, Zoning Commissioner
William Hughey, Area Planner, Office of Planning & Zoning
Donald T. Rascoe, Z.A.D.M.

EXHIBIT G



BALTIMORE COUNTY COMPREHENSIVE ZONING MAP

*Final Log of Issues
Adopted October 15, 1992*

Every four years Baltimore County conducts a comprehensive review of the countywide zoning maps and adopts ordinances to implement the zoning changes that have been subjected to intensive public review.

This report is intended to be an information brochure that summarizes the 1992 process. The official record is represented by the maps and the actions taken by the County Council at its October 15, 1992 legislative session. The maps will, subject to some changes that might be made by the County Board of Appeals, remain in effect for four years until changed by the Council in 1996. That process will begin in the Office of Planning sometime around August of 1995.

On behalf of the County Council, I would like to express our deep appreciation to all those who have contributed so tirelessly to a process that provides an open forum for participants to have their immediate land use needs addressed and which also allows the County to review its long range land use plans.

At the top of the list of the many who deserve special recognition are Harold Reid and the citizen Planning Board members; the hours donated by them throughout this lengthy and exhaustive process are incalculable. We are grateful to David Fields and his community planners and staff for their efforts on behalf of the Council, Planning Board and public. A special thanks goes to our Aides and our Central office

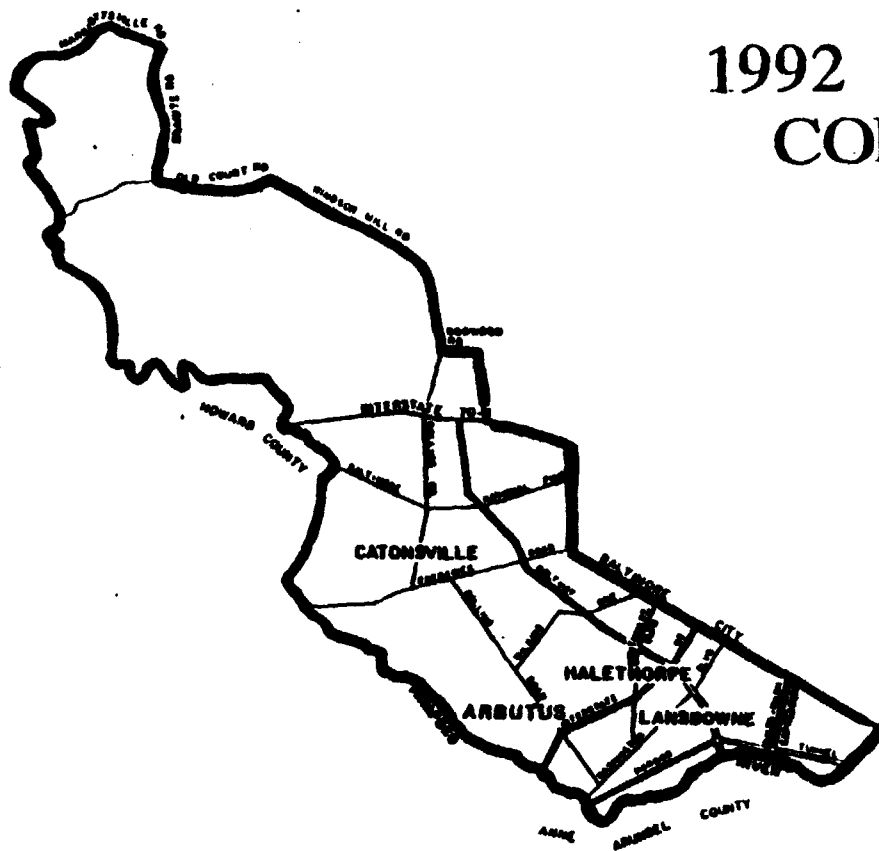
BALTIMORE COUNTY COUNCIL

FIRST COUNCILMANIC DISTRICT

1992

COMPREHENSIVE

ZONING PROCESS



Frederick Rd)

2.20

DR 5.5
DR 5.5
1.89

DR 5.5
1.38
BM
0.66
ROA
0.25

Overlay adopted

2.20

BALTIMORE COUNTY
1992 COMPREHENSIVE ZONING MAP ISSUES

ISSUE NO	OWNER, PETITIONER	LOCATION	TOTAL ACRES	EXISTING ZONING AND ACRES	REQUESTED ZONING AND ACRES	PLANNING BOARD RECOMMENDATIONS	COUNTY COUNCIL DECISIONS	COMMENTS
1-030	Bosworth Properties Inc By Peter Bosworth, President	S Side Old Court Rd 2500' E of Dogwood Rd	256.00	RC 2 256.00	RC 3 256.00	RC 2 256.00	RC 2 256.00	See Issues 1-020,1-023,1-051
1-031	Paradise Community Assoc By June Moody, President	E Side of Paradise Ave 175' S of Frederick Rd	0.27	NO 0.27	DR 5.5 0.27	DR 5.5 0.27	DR 5.5 0.27	
1-032	Electrical JATC Holding Co Inc By Anthony Paliagos	W Side Gable 225' N of Smith Ave (2699 Patapoco Ave)	0.03	DR 5.5 0.03	BR 0.03	BR 0.03	BR 0.03	
1-033	Ajax Janjua By Mike Sedghi	S Side Rt 40 1150' E of Rolling Rd (6118 Old Frederick Rd)	0.20	DR 16 0.20	BL 0.20	DR 16 0.20	DR 16 0.20	See Issues 1-050,1-053
1-034	Riaz Janjua By Mike Sedghi	W Side of Rolling Rd 200' N of Rollwin Rd (3002 N Rolling Rd)	4.00	DR 5.5 4.00	DR 16 4.00	DR 5.5 4.00	DR 5.5 4.00	
1-035	Riaz Janjua By Mike Sedghi	N Side of Powers Lane 1100' W of Rolling Rd (2320 Powers Lane)	2.00	DR 3.5 2.00	DR 16 2.00	DR 3.5 2.00	DR 3.5 2.00	
1-036	James R Lerch By Tracey E Skinner, Esq	SE corner Talbot St & Ingleside Ave (1119 Ingleside Ave)	0.25	DR 5.5 0.25	BL 0.25	DR 5.5 0.25	NOA 0.25	
1-037	Steven S Koren By Venable, Baetjer & Howard	E Side Dogwood Rd 200' NW of Wrights Mill Rd	166.14	RC 3 166.14	RC 5 166.14	RC 3 166.14	RC 3 166.14	See Issue 1-020
1-038	Cunningham Communications Inc By Peter Talliaferro	W Side Rolling Rd 300' N of Powers Lane	6.13	DR 3.5 6.13	BM 6.13	DR 3.5 6.13	DR 3.5 6.13	

EXHIBIT H

VLISSIDES ENTERPRISES, INC.

County of Fairfax
State of Virginia

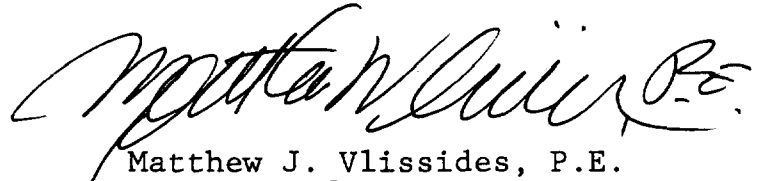
Matthew J. Vlissides, being duly sworn upon his oath,
deposes and states that:

He is a graduate Civil/Structural Engineer, a Registered Professional Engineer in the District of Columbia, State of Maryland, State of Virginia and forty four other States, and is the Owner of Vlissides Enterprises, Inc. specializing in tall tower design and construction, with offices at 7601 Burford Drive, McLean, VA 22102;

That his qualifications are a matter of record in the Communications Industry and in the Federal Communications Commission;

That the attached engineering reports were prepared by him or under his supervision and direction and

That the facts stated herein are true of his own knowledge, except such facts as are stated to be on information and belief, and as to such facts he believes them to be true.



Matthew J. Vlissides, P.E.
District of Columbia
Professional Engineer
Registration No. 5949

Subscribed and sworn to before me this 6th day
of May, 1993

My Commission Expires Nov. 30, 1996


Notary Public

MATTHEW J. VLISSIDES, P.E.
ENGINEERING CONSULTANT

Mr. Matthew J. Vlissides, an Engineering Consultant, has over 30 years of experience in structural and mechanical engineering and is a specialist in antenna and tower design, fabrication supervision and installation.

During the past twenty years he has performed extensive successful consulting work in the area of communications for L.T.V. Electrosystems, Inc., Comsat Corporation, Northrop-Page Communications Engineers, Inc., NASA Goddard Space Flight Center, ITT-SPC, COSMOS Engineers, Inc., Stainless, Inc., Bechtel Corporation, MCI, Microflex Company, Inc., R.F. Systems, Inc., Telcom, Inc., DCA, Coast Guard, Plessey, Ltd., Burleson Associates, Inc., E-Systems, Inc., RCA, Fairchild Space & Electronics, Inc., David L. Steel, Sr., P.E., Harris International, RCA Global, RMS, Sanders Associates, T-CAS, TELCOM, Teleconsult, Intelsat, numerous Broadcasting Stations throughout the USA, and others.

Prior to establishing his Engineering Business, Mr. Vlissides was chief structural engineer for Northrop-PAGE where he was responsible for the analysis, design, specification writing and fabrication supervision of advanced structures, such as self-supporting and guyed communication towers, antennas, tracking stations, radio telescopes and structures for the space communications program. He was instrumental in the development of the 42' antenna transportable commercial station operated by Comsat, and in the design of the wheel and track antenna and the integrated two-story building with antenna on top, utilized by LTV Aircraft Company.

Mr. Vlissides has participated in the successful engineering and implementation of several multimillion dollar projects, including the structural design and implementation of earth stations in Panama, Iran, Lebanon, Brazil, and the Comsat stations at Brewster, Andover and Paumotu. He was responsible for the structural/mechanical design of earth stations in Australia, Thailand and the Philippines, as well as West Coast tracking stations for the U.S. Navy.

In the intricate area of shock and vibration isolation and electronics equipment packaging in shelters, Mr. Vlissides has solved difficult problems for Page Communications Engineers at OGDEN Laboratories involving the MRC-113 U.S. Air Force Program.

Mr. Vlissides participated in the analysis, design and implementation of large microwave and troposcatter communications programs, including the multimillion dollar IWCS in

Vietnam, the Iranian Microwave (INTS), the NATO Bypass, and the Hongkong-Taiwan-Philippines tropo system. The major areas of involvement covered feasibility studies, advance survey details, civil-mechanical and electrical designs, and final implementation.

Mr. Vlissides was heavily involved in the design and construction of the VOA antenna and tower systems in VOA Kavala, Greece; Rhodes, Greece; and Liberia, Africa.

He has extensive experience in the design of structures using non-conventional materials as plastics, non-metallic filaments, glass filaments, etc.

In the area of multi-leveled guyed towers, Mr. Vlissides expanded a computer program able to handle guyed towers of up to 20 guy levels, and carrying concentrated loads and a top electronic umbrella with up to 36' long radials. The tower is treated as a beam-column on elastic supports with all secondary effects taken into consideration. Recently, Mr. Vlissides has developed a computerized design of a family of self-supporting and guyed microwave towers, covering a range of heights from 20-foot stub antenna mounts to 500-foot applicable and very economical for large communication projects.

Mr. Vlissides, In addition, has extensive experience in building structural analysis and design, such as highrise office and apartment buildings, hospitals, churches, communications buildings, etc.

Earlier, Mr. Vlissides was employed as a Structural Engineer by the U.S. Navy Department, Bureau of Yards and Docks, where he was responsible for the development of BUDOCKS criteria and standards and the design of structures for antennas and other communication facilities, and was heavily involved in the Nord Antenna and West Pac Australia Antenna Projects. In a previous position with the District of Columbia Highway Department, Bridge Division, he was field engineer for the D.C. approaches of the Theodore Roosevelt Bridge. Prior to this, he was involved in the engineering, administration, design and construction supervision of Public Works for the Greek Government.

Mr. Vlissides' professional affiliations include:

Association of Federal Communications Consulting Engineers

American Society of Civil Engineers, Fellow
National Society of Professional Engineers
American Concrete Institute

Professional Engineer - District of Columbia - #5949

Professional Engineer - New York - #044849

Professional Engineer - Maine - #2639

Professional Engineer - Maryland - #7868